

Animal Science, AS



Northern Wyoming Community College District

FRESHMAN YEAR

Fall Semester			Hrs	Spring Semester			Hrs
AGEC	1000	Ag Orientation	2			Advanced Writing Requirement	3
AGEC	1010	Introduction to Ag Economics	3	AGRI	2385	Agricultural Communications	3
ANSC	1010	Livestock Production	4			OR	
ENGL	1010	English I	3	CO/M	1010	Introduction to Public Speaking (3 hrs)	
MATH	1400	Pre-Calculus Algebra	4	CHEM	1000	Introductory Chemistry	4
						OR	
				CHEM	1020	General Chemistry I (4 hrs)	
				STAT	2050	Fundamentals of Statistics	4
TOTAL			<u>16</u>	TOTAL			<u>14</u>

SOPHOMORE YEAR

Fall Semester			Hrs	Spring Semester			Hrs
		Cultural Studies Requirement	3	AGEC	2020	Farm Ranch Business Management	4
		Health & Wellness Requirement	2	ANSC	2020	Feeds & Feeding	4
		US & WY Constitution Requirement	3	BIOL	2022	Animal Biology	4
AGEC	1020	Agricultural Microeconomics	3			OR	
BIOL	1010	General Biology I	4	BIOL	2020	General Biology II (4 hrs)	
				REWM	2000	Principles of Range Management	3
TOTAL			<u>15</u>	TOTAL			<u>15</u>
TOTAL NWCCD AS DEGREE HOURS							<u>60</u>

Successful completion of the 2+2 plan requires that a student remain continuously enrolled and graduate with the associate's degree from his or her respective community college. • This is a guide for course work in the major; actual course sequence may vary by student. Please refer to the online student degree evaluation. • Not all courses are offered every semester and some electives may have prerequisites. Students should review the course descriptions in the catalogs of their respective institutions and consult with their academic advisor to plan accordingly. • Academic plans and course schedules may need to be altered if ACT or Math Placement scores require a student to take pre-college courses (e.g., MATH 0900, 0921, or 0925) before taking required math or English courses.

Northern Wyoming Community College District requirements:

In order to graduate, students must successfully complete a minimum of 60 credit hours, 15 of which must be from Sheridan College, with a grade point average of 2.0 or better at course level of 1000 or higher.

University of Wyoming requirements:

Students must have a minimum cumulative GPA of 2.0 to graduate. • Students must complete 42 hours of upper division (3000-level or above) coursework, 30 of which must be from the University of Wyoming. • Courses must be taken for a letter grade unless offered only for S/U.

Animal & Veterinary Science, BS

Production Option



University of Wyoming

JUNIOR YEAR

Fall Semester			Hrs	Spring Semester			Hrs
ANSC	2010	Domestic Animal Metabolism	3	ANSC	3010	Comp Anat and Phys of Domestic Animals	4
OR				ANSC	3100	Principles of Animal Nutrition	3
CHEM	2300	Introductory Organic Chemistry (4 hrs)		FDSC	2040	Principles of Meat Animal Evaluation	3
ANSC	3150	Equine Nutrition and Physiology *	3	LIFE	3050	Genetics	4
FDSC	3060	Principles of Meat Science and Muscle Biology	3			Elective	3
PATB	4110	Diseases of Food Animals	3				
		Elective	3				
TOTAL			<u>15</u>	TOTAL			<u>17</u>

SENIOR YEAR

Fall Semester			Hrs	Spring Semester			Hrs
ANSC	4120	Principals of Mammalian Reproduction	3	ANSC	4220	Advanced Beef Production & Mgmt. *	3
ANSC	4540	Principles of Animal Breeding	3	ANSC	4230	Advanced Sheep Production & Mgmt. *	3
		Upper Division Electives	7	ANSC	4630	Topics and Issues in Animal Science	C3 3
		Elective	4			Upper Division Electives	6
TOTAL			<u>17</u>	TOTAL			<u>15</u>
						TOTAL UW HOURS	<u>64</u>
						TOTAL UW BS DEGREE HOURS	<u>124</u>

UW Animal & Veterinary Science - Production Option Program Notes:

* Required production courses.